PTO/SB/08A (10-01)

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known Application Number 10/643,352 Filing Date August 19, 2003 First Named Inventor **Derek Metcalf** 3637 3634 Group Art Unit Examiner Name J. E. NOVOSAD

38949/282196 Sheet Attorney Docket Number

			U.S. PATENT D		
Examine r Initials *	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevanl Figures Appear
R)		573,835	12/22/1896	Taylor	
7		3,501,020	03/17/1970	Krikorian	
		4,553,523	11/19/1985	Stohrer	
		5,450,971	09/19/1995	Boron, et al.	
$\neg$		5,641,083	06/24/1997	Metcalf	
		6,109,462	08/29/2000	Emalfrb, et al.	
1		6,142,321	11/07/2000	West	
4		6,189,527	02/20/2001	Waish, et al.	
7		6,332,548	12/25/2001	West, et al.	
$\Delta$		6,341,704	01/29/2002	Michel	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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THEORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Application Number 10/643,352

Filing Date August 19, 2003

First Named Inventor Derek METCALF

Group Art Unit 3637 3634

Examiner Name J.E.NOVOSAD

(use as many sheets as necessary) Examiner Name J. E. NOVOSA

Sheet 1 of 1 Attorney Docket Number 38949/282196

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			U.S. P	ATENT D					
Examin er Initials	of Charles I			Publication Date MM-DD-YYYY		Name of Patentee or Applicant of Cited Document		Pagas, Columns, Lines, Where Relev Passages or Relevant Figures Appear	
	·	1,428,730	09/12	09/12/1922		Weston			
		1,829,009		7/1931		Madsen			
-		2,648,442		1/1953	Lowmaster		r		-
++		3,182,945		05/11/1965 04/26/1966		Sedo			
++		3,248,079				Kennedy			-
1-1		3,280,989	10/2	5/1966	1	Melvin, et a	ıl.		
+-1		3,701,325		1/1972		Fenwick			
		3,915,097		8/1975		Young, Jr.	_		
		4,065,088	12/2	7/1977					
		4,248,352	02/0	3/1981					
-1-1		4,250,815	02/17	7/1981	Swanson				
$\Box$		4,378,925	04/0	5/1983	/1985 Ware, et al.				
$\top$		4,492,169	01/0	8/1985					
7		4,583,648	04/22	2/1986			al.		
		4,730,738	03/1	5/1988		Bartus, et a	1.		
		5,199,579	04/00	6/1993		VanDuyne			
1/		5,449,076	09/13	2/1995		Van Moord			
		5,460,345	10/24	4/1995					
S		5,816,419	10/0	6/1998					
			FOR	EIGN PAT	ENT D	OCUMEN	TS		
		Foreign Patent Doc	ument					Pages, Columns, Lines, Where	
Examin er Initials*	Cite No.1 Country Code <sup>3</sup> - Number <sup>4</sup> - Kin		Gnd Code <sup>5</sup> (if	nd Code <sup>5</sup> (if Publication MM-DD-				Relevant Passages or Relevant Figures Appear	T <sup>©</sup>
xamin Signatu		F. €./	Vana (	)	Date Consid	lered	12/	16/05	

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Application Number 10/643,352

Filing Date August 19, 2003

First Named Inventor Derek METCALF

Group Art Unit 3637 3631

Examiner Name J.E. NOVOSAD

Sheet 1 of 1 Attorney Docket Number 38989/282196

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			U.S. P.	ATENT D	OCUME	NTS				
Examin er Cita No.1		Document Number	Publica MM-D	ition Date D-YYYY	Name of Patentee or Applicant of Cited Document		plicant of	Pages, Columns, Lines, Where Relevan Passages or Relevant		
nitials	Cite No.1	Number - Kind Code <sup>2</sup> (if known)						Figures Appear		
		3,795,379	03/0	5/1974		Gray				
<b>8</b> 0		6,070,841		6/2000		Robinson				
\$		2002/0027115 A1	03/07	7/2002		Gay, et al.				
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		Foreign Patent Docume	ent					Pages, Columns, Lines, Where		
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er nitials*	Cite No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (# known)		MM-DD-				Passages or Relevant Figures Appear	⊤್	
<u></u>		WO 90/02500		03/22/			IPO			
<b>4</b> 5		2 548 529		11/02/	1985		nce		Abstr	
25		0 442 398 A1		08/21/	1991	Eu	горе	<del> </del>	Abstr	
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ignatu		f 8. Nano			Consid	tered	12	/16/2005		

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